NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS) 1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENT, CONTACT THE LEM CIVIL POC. 2. LOCATION AND DETAILS OF STEAM/CONDENSATE TIE-IN AND MANHOLE SHALL BE APPROVED BY THE LANL UTILITIES GROUP STEAM SYSTEM REPRESENTATIVE. 3. STEAM MANHOLE: A. PROVIDE A CONCRETE MANHOLE WITH A SOLID CONCRETE BOTTOM AND AN OPEN GRATING COVER. WITHIN THE GRATING PROVIDE A 3 FOOT BY 2 FOOT CLEAR OPENING FOR LADDER ACCESS. OPEN GRATING AND HINGED COVER TO SET ON ANGLE IRON FLUSH WITH MANHOLE TOP. AT MINIMUM, SUPPORT HINGED COVER UNDER HINGED SIDE AND SIDE OPPOSITE HINGE. B. MANHOLE TO BE OF ADEQUATE SIZE TO ALLOW TWO PEOPLE COMFORTABLE WORK SPACE, DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, C. LADDER SHALL COMPLY WITH OSHA 29CFR 1910.27, FIXED LADDERS, AND/OR ADDITIONAL REQUIREMENTS AND ANSI A14.2, SAFETY REQUIREMENTS FOR PORTABLE METAL LADDERS. LOCATE QA REVIEWS ARE REQUIRED. LADDER FOR CLEAR EGRESS AND EQUIPMENT ACCESS. (REMOVE THIS NOTE WHEN IN-SERTED INTO A DRAWING PACK-4. REFER TO LANL CONSTRUCTION SPECIFICATION 02554, STEAM AND CONDENSATE AGE). DISTRIBUTION (SITE). DESCRIPTION FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE LANL ENGINEERING MANUAL DRAWN DESIGN J.GONZALES SITE STEAM/CONDENSATE TIE-IN CHECKED | NLSWITHOUR DISCIPLINE POC: E. HOTI STANDARDS MANAGER: TOBIN GRUCH

REVIEWER LARRY BAYS

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CHAPTER 3